

09/07/00



09/07/00 1c931 U.S. PTO

09-08-00

A

Please type a plus sign (+) inside this box → ☐

Approved for use through 09/30/00. CMB 0851-0032
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.	6217	Total Pages	54
	First Named Inventor or Application Identifier			
	Ronald E. Barker			
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Express Mail Label No.	EL017097555US	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
---	---

1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Specification (Total Pages <input type="text" value="35"/> (preferred arrangement set forth below) - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) (Total Sheets <input type="text" value="19"/> 4. Oath or Declaration (Total Pages <input type="text" value="1"/> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) (Note Box 5 below) i. <input type="checkbox"/> DECLARATION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	6. <input type="checkbox"/> Microfiche Computer Program (Appendix) 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
---	--

ACCOMPANYING APPLICATION PARTS

8. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))	
9. <input type="checkbox"/>	37 CFR 3.73(b) Statement (when there is an assignee)	<input type="checkbox"/> Power of Attorney
10. <input type="checkbox"/>	English Translation Document (if applicable)	
11. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
12. <input type="checkbox"/>	Preliminary Amendment	
13. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
14. <input type="checkbox"/>	Small Entity Statement(s)	<input type="checkbox"/> Statement filed in prior application, Status still proper and desired
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16. <input checked="" type="checkbox"/>	Other: Auth...to.chg.Deposit.Account Unsigned Declaration..... Certificate of Express Mail	

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____

18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)	
NAME	Stephen J. Manich
	AMSTED Industries Incorporated
ADDRESS	205 North Michigan Avenue, 44th Floor
CITY	Chicago
STATE	Illinois
ZIP CODE	60601
COUNTRY	USA
TELEPHONE	312-819-8481
FAX	312-819-8484

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Case: 6217-Barker et al.

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231



Sir:

Transmitted herewith for filing a patent application:

Inventor: Ronald E. Barker et al.

For: RAILCAR DRAFT GEAR ASSEMBLY AND SYSTEM BACKGROUND OF
THE INVENTION

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail" (fee paid label No. **EL017097555US**) in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on September 7, 2000.

Stephen J. Manich
Type or Print Name

Stephen J. Manich
Signature

September 7, 2000
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Barker et al.

Art Unit:

Examiner:

Serial No.:

Filed:

For:

RAILCAR DRAFT GEAR
ASSEMBLY AND SYSTEM
BACKGROUND OF THE INVENTION



I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail" (fee paid label No. EL017097555US) in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D. C. 20231, on September 7, 2000

Applicant's Attorney: Stephen J. Manich

Signature: Stephen J. ManichDate: Sept. 7, 2000

AUTHORIZATION TO CHARGE FEES TO DEPOSIT ACCOUNT

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Commissioner is hereby authorized to charge the following fees and to credit any overpayment to deposit account no. 01-1780 in the name of AMSTED INDUSTRIES, INC.: the application filing fees under 37 CFR 1.16; extra claim fees under 37 CFR 1.16; surcharges under 37 CFR 1.16; all application processing fees under 37 CFR 1.17, including all fees for petitions for extensions of time; and any other fee that may be due with the accompanying patent application.

Respectfully submitted,

September 7, 2000

By:

Stephen J. Manich
Stephen J. Manich
Attorney for Applicants
Reg. No. 30,657

AMSTED Industries Incorporated
205 North Michigan Avenue
44th Floor
Chicago, IL 60601
(312) 819-8481

FEE TRANSMITTAL for FY 2000

*Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB-09-12,
See 37 C.F.R. §§ 1.27 and 1.28.*

TOTAL AMOUNT OF PAYMENT (\$) 990.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Ronald E. Barker
Examiner Name	
Group / Art Unit	
Attorney Docket No.	6217-Barker et al.

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 01-1780</p> <p>Deposit Account Name: AMSTED Industries Inc.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>105</td><td>227 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216 190 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217 435 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218 680 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228 925 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219 150 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220 150 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221 130 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241 605 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242 605 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243 215 Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244 290 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123 50 Petitions related to provisional applications</td><td></td></tr> <tr><td>128</td><td>240</td><td>128 240 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>690</td><td>246 345 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249 345 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr> <td style="text-align: right;">SUBTOTAL (1) (\$)</td> <td colspan="3">690</td> </tr> </tbody> </table>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath		127	105	227 25 Surcharge - late provisional filing fee or cover sheet		139	130	139 130 Non-English specification		147	2,520	147 2,520 For filing a request for reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	380	216 190 Extension for reply within second month		117	870	217 435 Extension for reply within third month		118	1,360	218 680 Extension for reply within fourth month		128	1,850	228 925 Extension for reply within fifth month		119	300	219 150 Notice of Appeal		120	300	220 150 Filing a brief in support of an appeal		121	260	221 130 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,210	241 605 Petition to revive - unintentional		142	1,210	242 605 Utility issue fee (or reissue)		143	430	243 215 Design issue fee		144	580	244 290 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Petitions related to provisional applications		128	240	128 240 Submission of Information Disclosure Stmt		581	40	581 40 Recording each patent assignment per property (times number of properties)		146	690	246 345 Filing a submission after final rejection (37 CFR § 1.129(a))		149	690	249 345 For each additional invention to be examined (37 CFR § 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (1) (\$)	690																																																																								
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																												
105	130	205 65 Surcharge - late filing fee or oath																																																																																																																																																																																													
127	105	227 25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																													
139	130	139 130 Non-English specification																																																																																																																																																																																													
147	2,520	147 2,520 For filing a request for reexamination																																																																																																																																																																																													
112	920*	112 920* Requesting publication of SIR prior to Examiner action																																																																																																																																																																																													
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action																																																																																																																																																																																													
115	110	215 55 Extension for reply within first month																																																																																																																																																																																													
116	380	216 190 Extension for reply within second month																																																																																																																																																																																													
117	870	217 435 Extension for reply within third month																																																																																																																																																																																													
118	1,360	218 680 Extension for reply within fourth month																																																																																																																																																																																													
128	1,850	228 925 Extension for reply within fifth month																																																																																																																																																																																													
119	300	219 150 Notice of Appeal																																																																																																																																																																																													
120	300	220 150 Filing a brief in support of an appeal																																																																																																																																																																																													
121	260	221 130 Request for oral hearing																																																																																																																																																																																													
138	1,510	138 1,510 Petition to institute a public use proceeding																																																																																																																																																																																													
140	110	240 55 Petition to revive - unavoidable																																																																																																																																																																																													
141	1,210	241 605 Petition to revive - unintentional																																																																																																																																																																																													
142	1,210	242 605 Utility issue fee (or reissue)																																																																																																																																																																																													
143	430	243 215 Design issue fee																																																																																																																																																																																													
144	580	244 290 Plant issue fee																																																																																																																																																																																													
122	130	122 130 Petitions to the Commissioner																																																																																																																																																																																													
123	50	123 50 Petitions related to provisional applications																																																																																																																																																																																													
128	240	128 240 Submission of Information Disclosure Stmt																																																																																																																																																																																													
581	40	581 40 Recording each patent assignment per property (times number of properties)																																																																																																																																																																																													
146	690	246 345 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																													
149	690	249 345 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																															
SUBTOTAL (1) (\$)	690																																																																																																																																																																																														
<p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201 345 Utility filing fee</td><td>690</td></tr> <tr><td>106</td><td>310</td><td>208 155 Design filing fee</td><td></td></tr> <tr><td>107</td><td>480</td><td>207 240 Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208 345 Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214 75 Provisional filing fee</td><td></td></tr> <tr> <td colspan="3">SUBTOTAL (1) (\$)</td> <td>690</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>28</td> <td>8</td> <td>18</td> <td>144</td> </tr> <tr> <td>5</td> <td>2</td> <td>78</td> <td>156</td> </tr> <tr> <td colspan="4">Independent Claims</td> </tr> <tr> <td colspan="4">Multiple Dependent</td> </tr> </tbody> </table> <p><i>**or number previously paid, if greater; For Reissues, see below</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203 9 Claims in excess of 20</td></tr> <tr><td>102</td><td>78</td><td>202 39 Independent claims in excess of 3</td></tr> <tr><td>104</td><td>260</td><td>204 130 Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>78</td><td>209 39 ** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210 9 ** Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="3">SUBTOTAL (2) (\$)</td> <td>300.00</td> </tr> </tbody> </table>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101	690	201 345 Utility filing fee	690	106	310	208 155 Design filing fee		107	480	207 240 Plant filing fee		108	690	208 345 Reissue filing fee		114	150	214 75 Provisional filing fee		SUBTOTAL (1) (\$)			690	Total Claims	Extra Claims	Fee from below	Fee Paid	28	8	18	144	5	2	78	156	Independent Claims				Multiple Dependent				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	103	18	203 9 Claims in excess of 20	102	78	202 39 Independent claims in excess of 3	104	260	204 130 Multiple dependent claim, if not paid	109	78	209 39 ** Reissue independent claims over original patent	110	18	210 9 ** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$)			300.00	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>105</td><td>227 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216 190 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217 435 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218 680 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228 925 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219 150 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220 150 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221 130 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241 605 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242 605 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243 215 Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244 290 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123 50 Petitions related to provisional applications</td><td></td></tr> <tr><td>128</td><td>240</td><td>128 240 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>690</td><td>246 345 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249 345 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="3">SUBTOTAL (3) (\$)</td> <td></td> </tr> </tbody> </table>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath		127	105	227 25 Surcharge - late provisional filing fee or cover sheet		139	130	139 130 Non-English specification		147	2,520	147 2,520 For filing a request for reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	380	216 190 Extension for reply within second month		117	870	217 435 Extension for reply within third month		118	1,360	218 680 Extension for reply within fourth month		128	1,850	228 925 Extension for reply within fifth month		119	300	219 150 Notice of Appeal		120	300	220 150 Filing a brief in support of an appeal		121	260	221 130 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,210	241 605 Petition to revive - unintentional		142	1,210	242 605 Utility issue fee (or reissue)		143	430	243 215 Design issue fee		144	580	244 290 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Petitions related to provisional applications		128	240	128 240 Submission of Information Disclosure Stmt		581	40	581 40 Recording each patent assignment per property (times number of properties)		146	690	246 345 Filing a submission after final rejection (37 CFR § 1.129(a))		149	690	249 345 For each additional invention to be examined (37 CFR § 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (3) (\$)			
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																												
101	690	201 345 Utility filing fee	690																																																																																																																																																																																												
106	310	208 155 Design filing fee																																																																																																																																																																																													
107	480	207 240 Plant filing fee																																																																																																																																																																																													
108	690	208 345 Reissue filing fee																																																																																																																																																																																													
114	150	214 75 Provisional filing fee																																																																																																																																																																																													
SUBTOTAL (1) (\$)			690																																																																																																																																																																																												
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																												
28	8	18	144																																																																																																																																																																																												
5	2	78	156																																																																																																																																																																																												
Independent Claims																																																																																																																																																																																															
Multiple Dependent																																																																																																																																																																																															
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description																																																																																																																																																																																													
103	18	203 9 Claims in excess of 20																																																																																																																																																																																													
102	78	202 39 Independent claims in excess of 3																																																																																																																																																																																													
104	260	204 130 Multiple dependent claim, if not paid																																																																																																																																																																																													
109	78	209 39 ** Reissue independent claims over original patent																																																																																																																																																																																													
110	18	210 9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																													
SUBTOTAL (2) (\$)			300.00																																																																																																																																																																																												
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																												
105	130	205 65 Surcharge - late filing fee or oath																																																																																																																																																																																													
127	105	227 25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																													
139	130	139 130 Non-English specification																																																																																																																																																																																													
147	2,520	147 2,520 For filing a request for reexamination																																																																																																																																																																																													
112	920*	112 920* Requesting publication of SIR prior to Examiner action																																																																																																																																																																																													
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action																																																																																																																																																																																													
115	110	215 55 Extension for reply within first month																																																																																																																																																																																													
116	380	216 190 Extension for reply within second month																																																																																																																																																																																													
117	870	217 435 Extension for reply within third month																																																																																																																																																																																													
118	1,360	218 680 Extension for reply within fourth month																																																																																																																																																																																													
128	1,850	228 925 Extension for reply within fifth month																																																																																																																																																																																													
119	300	219 150 Notice of Appeal																																																																																																																																																																																													
120	300	220 150 Filing a brief in support of an appeal																																																																																																																																																																																													
121	260	221 130 Request for oral hearing																																																																																																																																																																																													
138	1,510	138 1,510 Petition to institute a public use proceeding																																																																																																																																																																																													
140	110	240 55 Petition to revive - unavoidable																																																																																																																																																																																													
141	1,210	241 605 Petition to revive - unintentional																																																																																																																																																																																													
142	1,210	242 605 Utility issue fee (or reissue)																																																																																																																																																																																													
143	430	243 215 Design issue fee																																																																																																																																																																																													
144	580	244 290 Plant issue fee																																																																																																																																																																																													
122	130	122 130 Petitions to the Commissioner																																																																																																																																																																																													
123	50	123 50 Petitions related to provisional applications																																																																																																																																																																																													
128	240	128 240 Submission of Information Disclosure Stmt																																																																																																																																																																																													
581	40	581 40 Recording each patent assignment per property (times number of properties)																																																																																																																																																																																													
146	690	246 345 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																													
149	690	249 345 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																															
SUBTOTAL (3) (\$)																																																																																																																																																																																															

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Stephen J. Manich	Registration No. (Attorney/Agent)	30,657
Signature	<i>Stephen J. Manich</i>	Telephone	312-819-8481
		Date	September 7, 2000

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.